

Attachment 10

Cost and Benefits Summary

Attachment 10 provides the required Cost and Benefits Summary.

ATTACHMENT 10
COST AND BENEFITS SUMMARY
UPPER SANTA MARGARITA WATERSHED PLANNING REGION
IRWM PROP 84 ROUND 1 IMPLEMENTATION PROPOSAL

Introduction

The Upper Santa Margarita Watershed Planning Region IRWM Implementation Proposal includes a suite of five projects that, when implemented both individually and collectively, will provide water supply benefits, water quality benefits, and a variety of other expected benefits. This attachment fulfills the requirement to provide an overall estimate for the benefits of the projects. The following table summarizes the costs and benefits for all projects in the grant application.

Table 20 - Proposal Project Costs and Benefits Summary							
Upper Santa Margarita Watershed Planning Region IRWM Prop 84 Round 1 Implementation Funding							
Rancho California Water District							
Project	Agency	Total Present Value Project Costs (1)	Total Present Value Project Benefits				B/C Ratio
			Water Supply (2)	Flood Damage Reduction (3)	Other (4)	Total	
(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)
						(d) + (e) + (f)	(g) / (c)
Vail Lake Stabilization and Conjunctive Use Project	Rancho California Water District	\$20,093,982	\$57,285,607	\$0	\$0	\$57,285,607	2.9
Agricultural Irrigation Efficiency Program	Rancho California Water District	\$1,051,181	\$1,329,248	\$0	\$1,708,049	\$3,037,297	2.9
WR-34 Hydroelectric Power Generation Project	Rancho California Water District	\$1,305,788	\$0	\$0	\$1,978,202	\$1,978,202	1.5
Water Quality Enhancement in Riverside County	Riverside County Flood Control and Water Conservation District	\$371,743	Not Quantified	Not Quantified	Not Quantified	Not Quantified	Not Quantified
Implementing Nutrient Management in the Santa Margarita River Watershed - Phase I	Riverside County Flood Control and Water Conservation District	\$1,534,082	\$15,232,606	0	0	\$15,232,606	9.9
TOTAL		\$24,356,776	\$73,847,461	\$0	\$3,686,251	\$77,533,712	3.2